

EVALUATION FORM FOR CONTROLLED ACCESS FACILITY (CONTINUOUS FREEWAY LIGHTING)							LIGHTING FORM 1		
CLASSIFICATION FACTOR	RATING					UNLIT WEIGHT (A)	LIGHTED WEIGHT (B)	DIFF (A-B)	RATING X(A-B)
	1	2	3	4	5				
GEOMETRIC FACTORS									
NUMBER OF LANES	4		6		≥8	1.0	0.8	0.2	
LANE WIDTH	>12'	12'	11'	10'	≤9'	3.0	2.5	0.5	
MEDIAN WIDTH	>40'	24'-39'	12'-23'	4'-11'	0-3'	1.0	0.5	0.5	
SHOULDER	10'	8'	6'	4'	0	1.0	0.5	0.5	
SLOPES	≥8:1	6:1	4:1	3:1	2:1	1.0	0.5	0.5	
CURVES	0-½°	½-1°	1-2°	2-3°	3-4°	13.0	5.0	8.0	
GRADES	<3%	3.0-3.9%	4.0-4.9%	5.0-6.9%	>7%	3.2	2.8	0.4	
INTERCHANGE FREQUENCY	21,000'	16,000'	10,500'	5000'	<5,000'	4.0	1.0	3.0	
						GEOMETRIC TOTAL			
OPERATIONAL FACTORS									
LEVEL OF SERVICE (ANY DARK HOUR)	A	B	C	D	E	6.0	1.0	5.0	
						OPERATIONAL TOTAL			
ENVIRONMENTAL									
% DEVELOPMENT	0%	25%	50%	75%	100%	3.5	0.5	3.0	
OFFSET TO DEVELOPMENT	200'	150'	100'	50'	<50'	3.5	0.5	3.0	
						ENVIRONMENTAL TOTAL			
ACCIDENTS									
RATIO OF NIGHT-TO-DAY ACCIDENTS	1.0	1.0-1.2	1.2-1.5	1.5-2.0	2.0*	10.0	2.0	8.0	
						ACCIDENT TOTAL			
* CONTINUOUS LIGHTING WARRANTED	GEOMETRIC TOTAL = _____ OPERATIONAL TOTAL = _____ ENVIRONMENTAL TOTAL = _____ ACCIDENT TOTAL = _____ SUM = _____ POINTS WARRANTING CONDITION = <u>95</u> POINTS								

